

Fig. 1

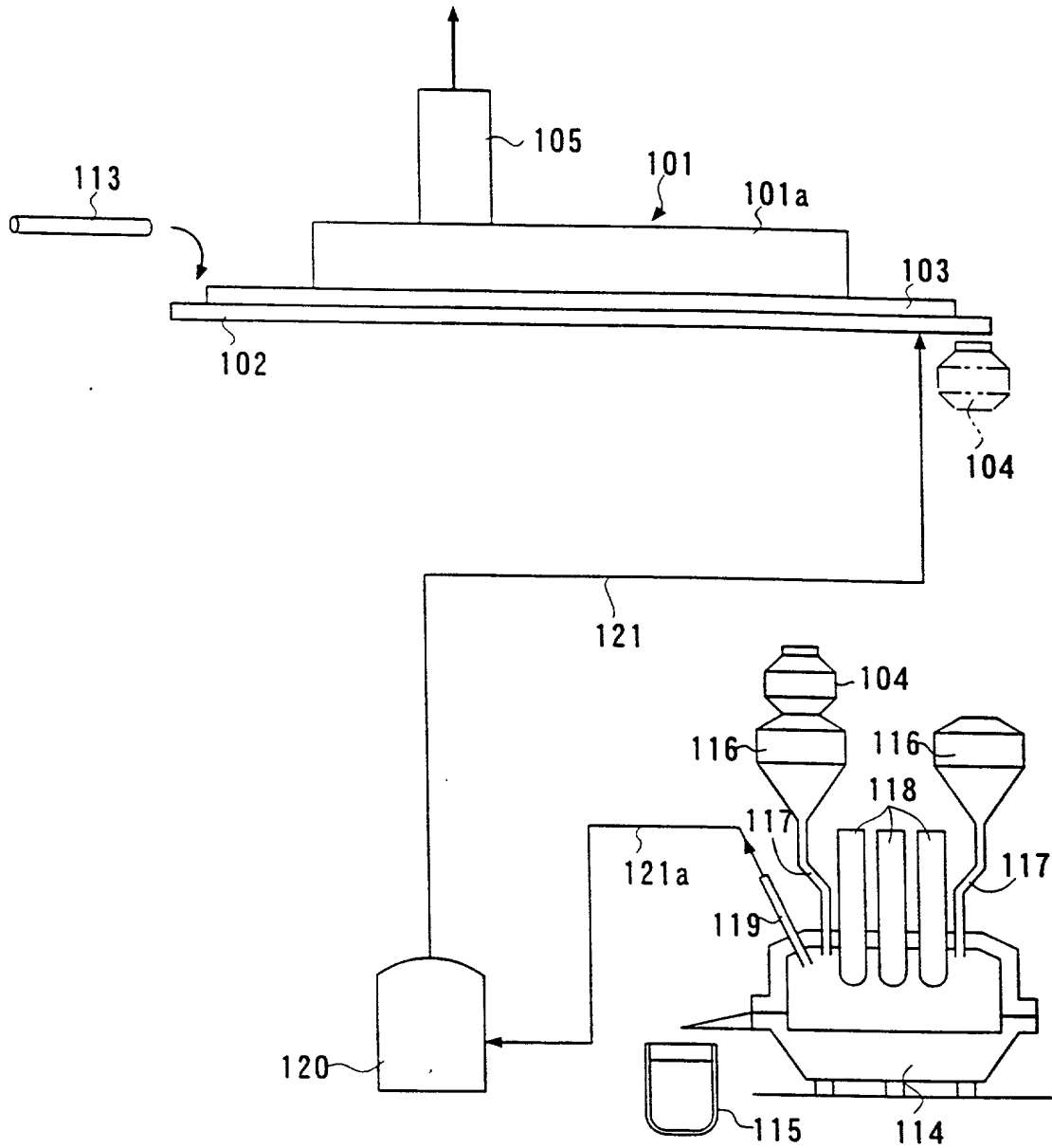
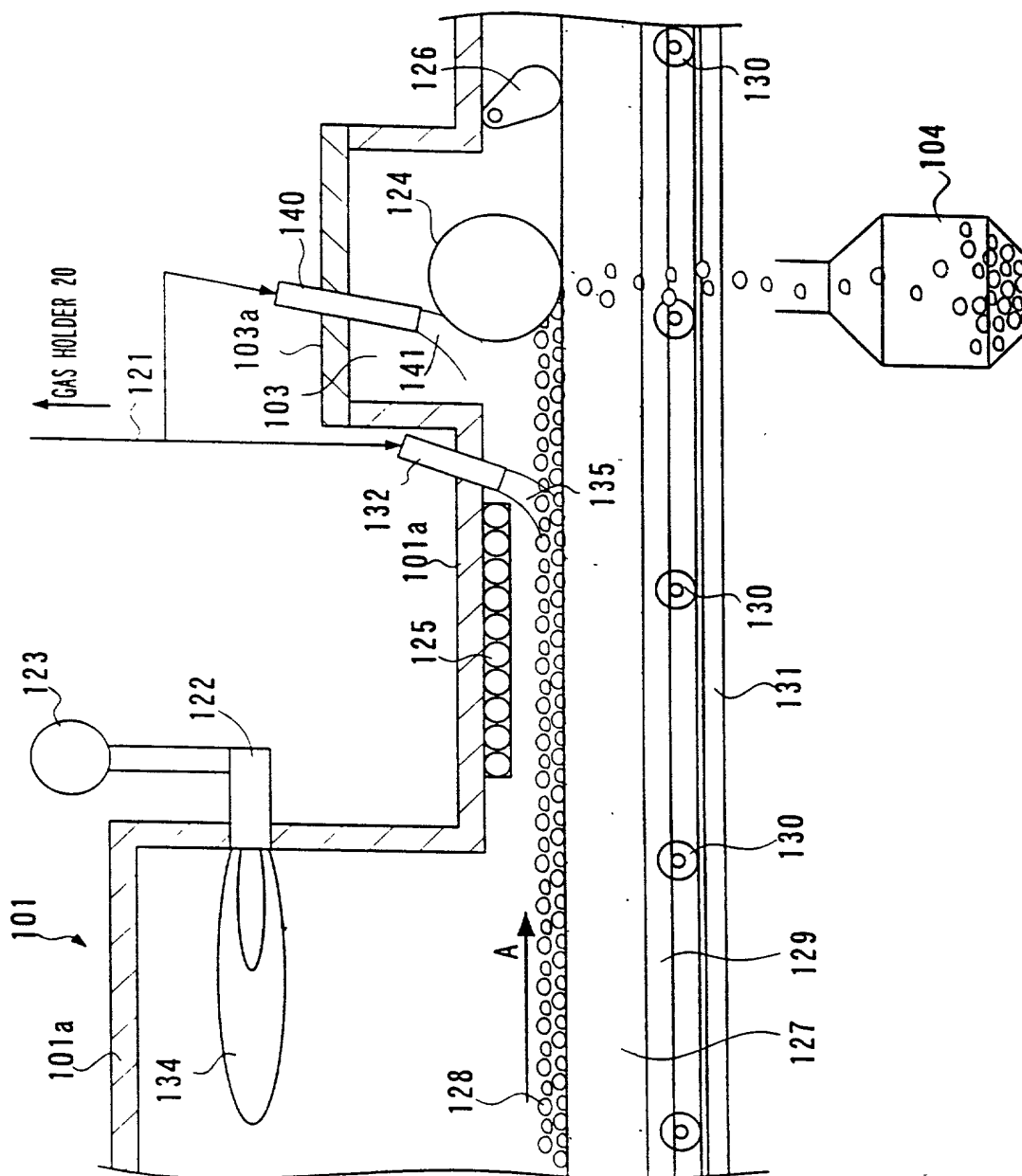
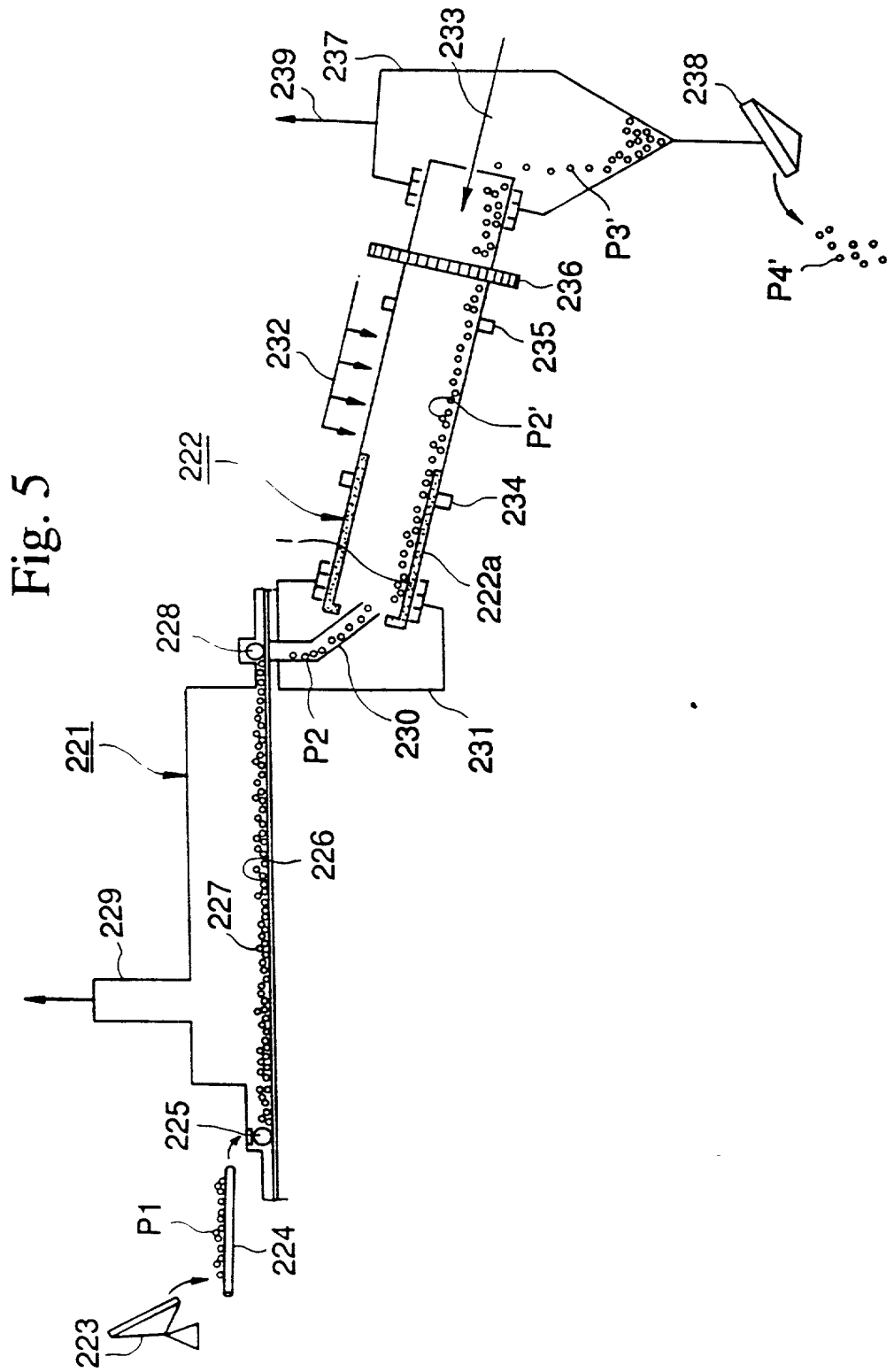


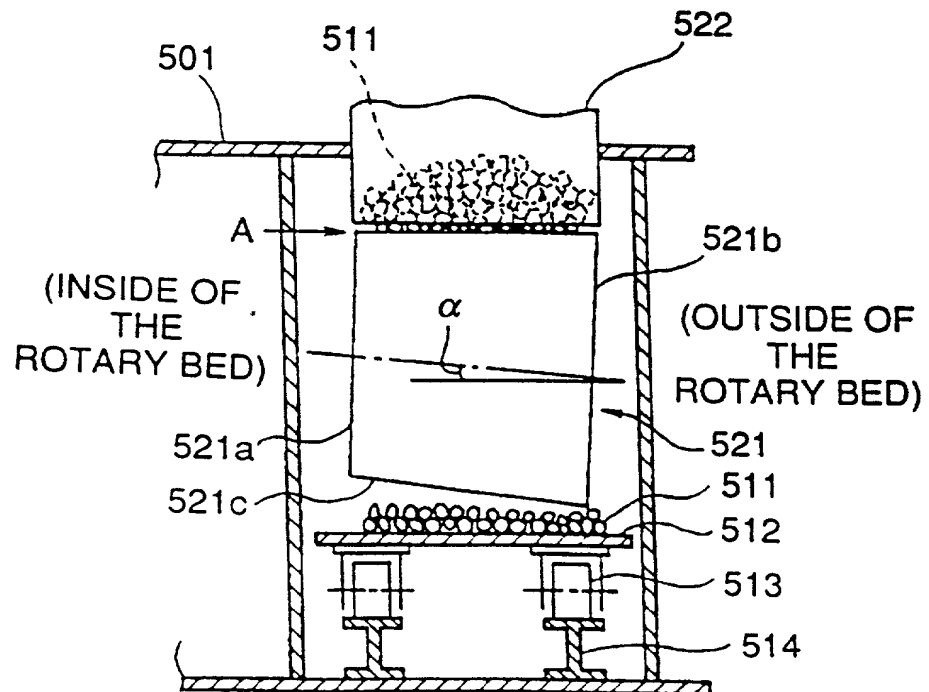




Fig. 4







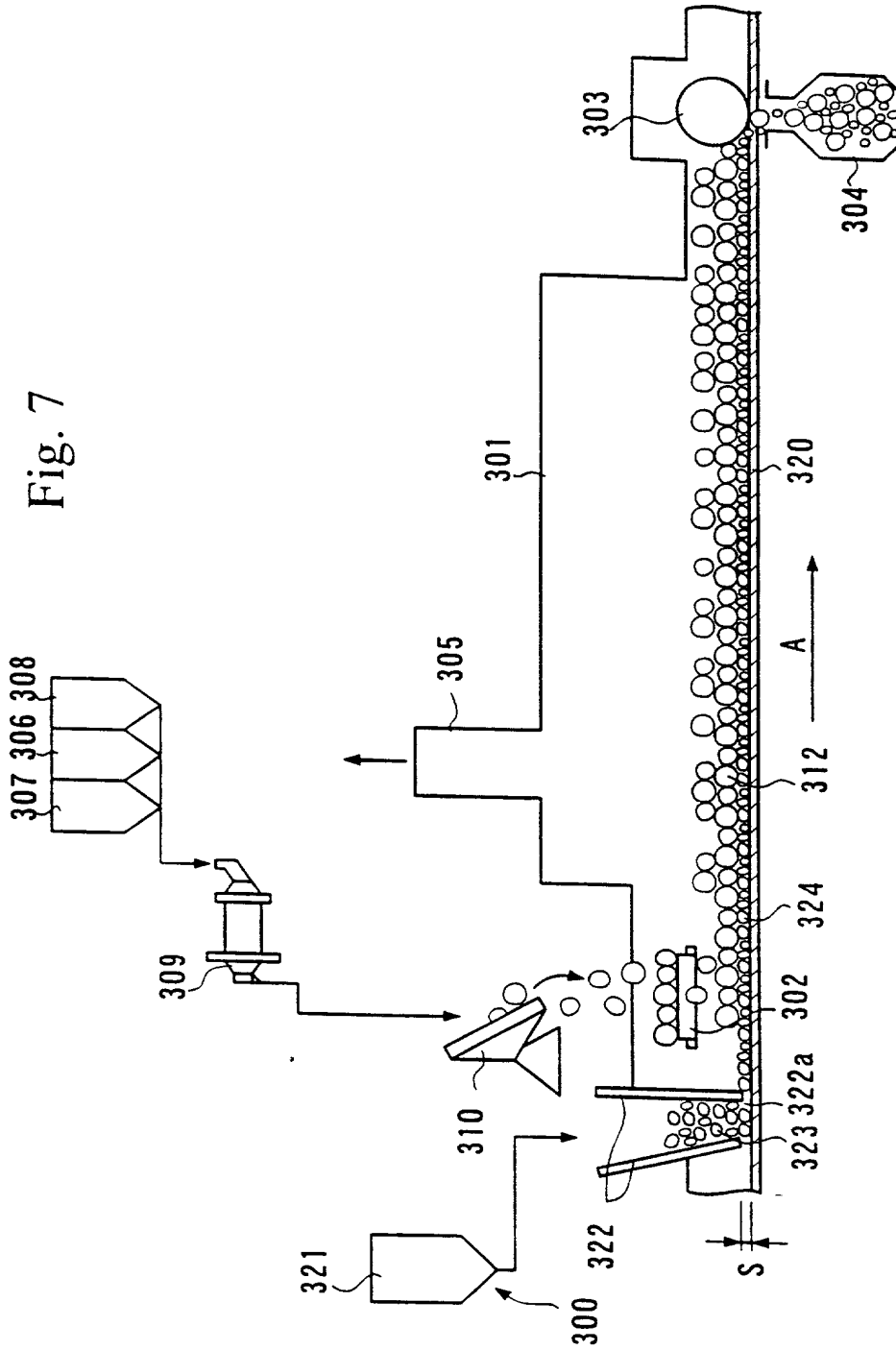
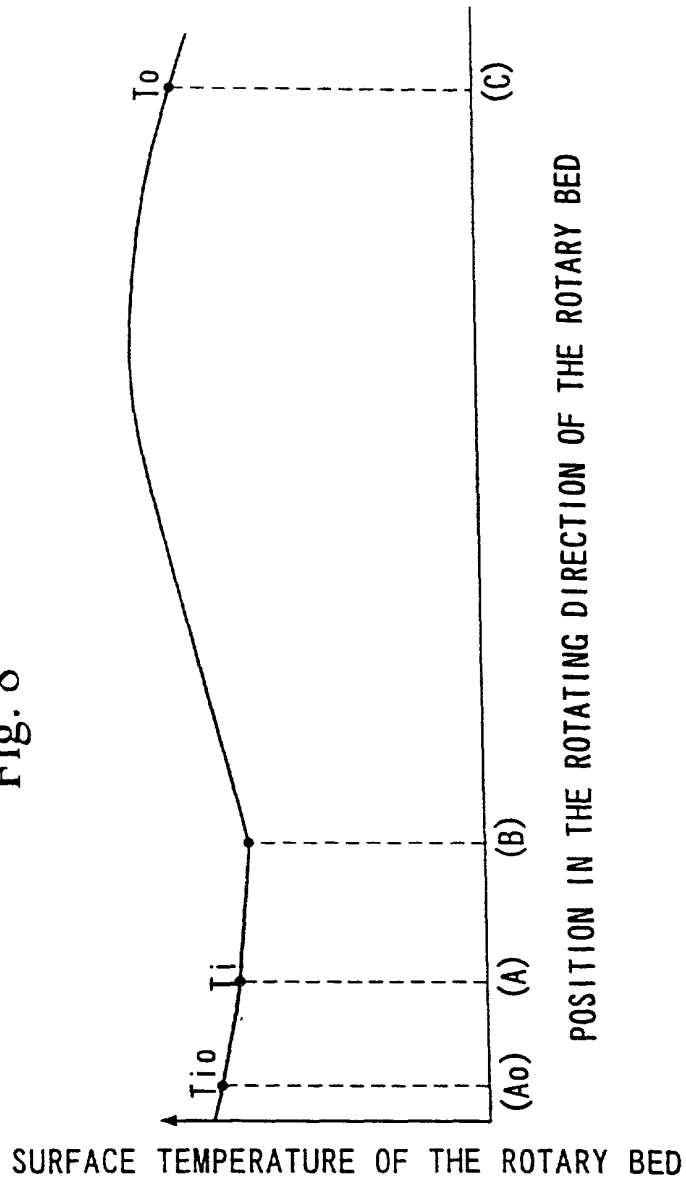
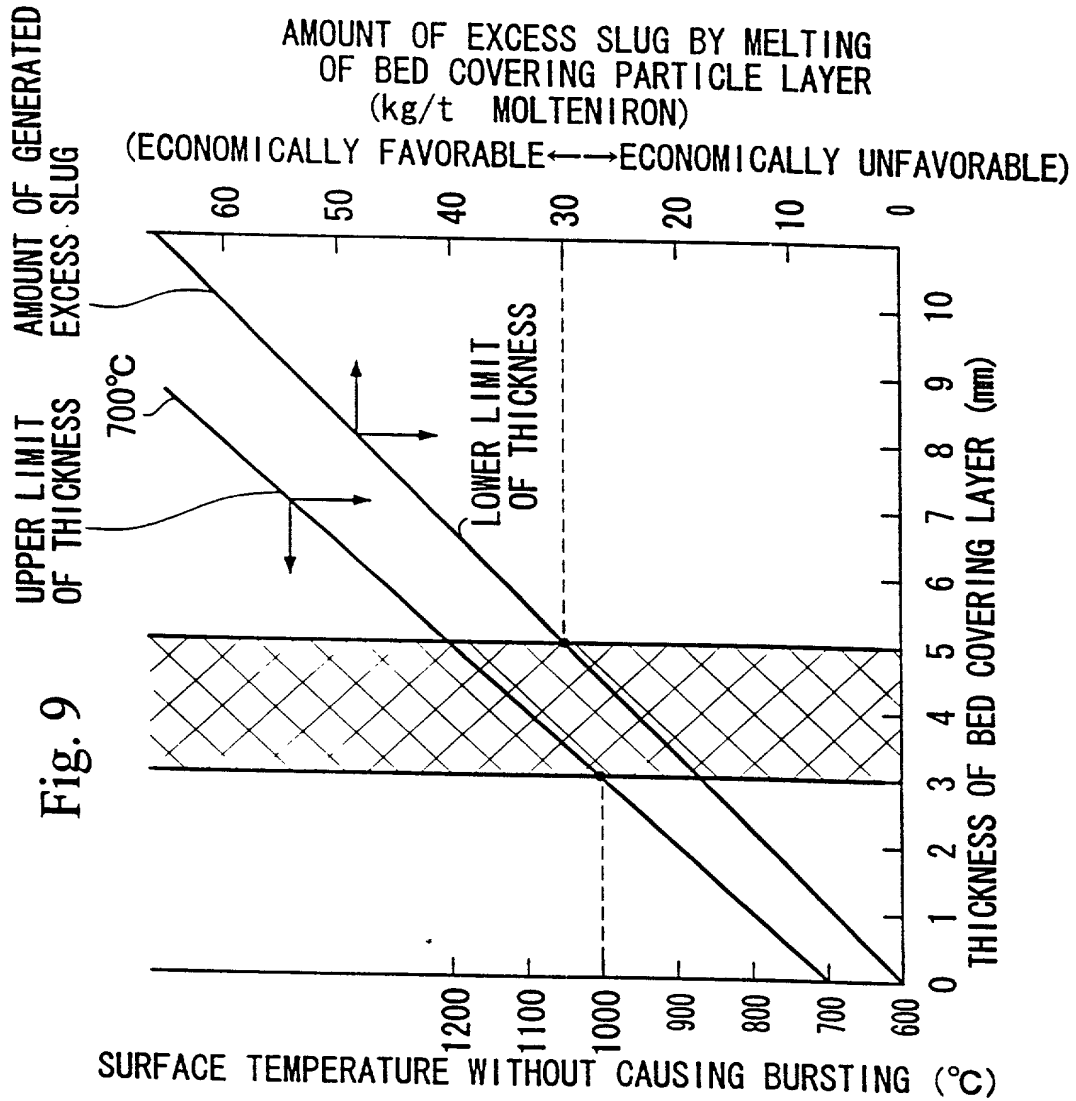


Fig. 8







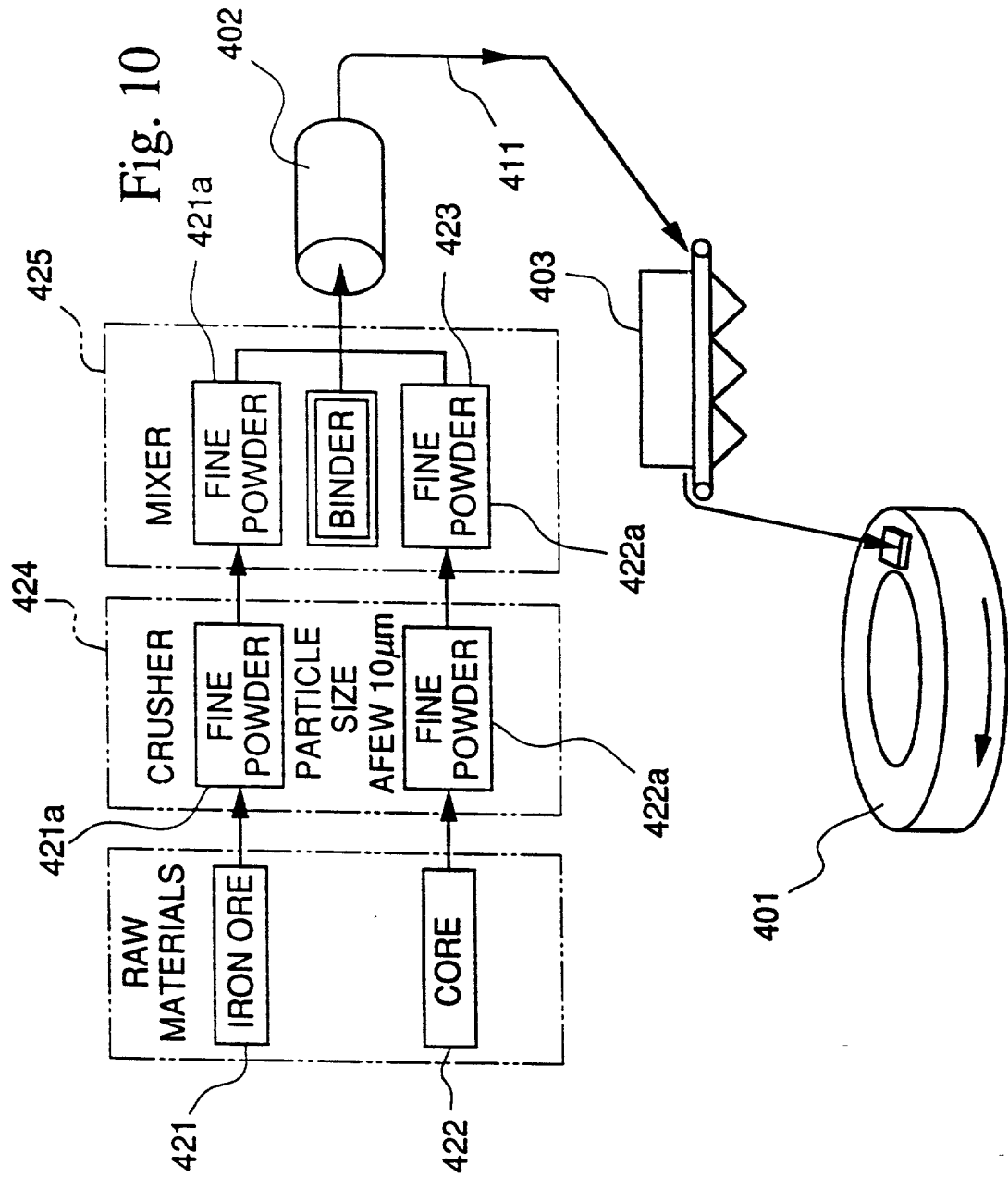


Fig. 11

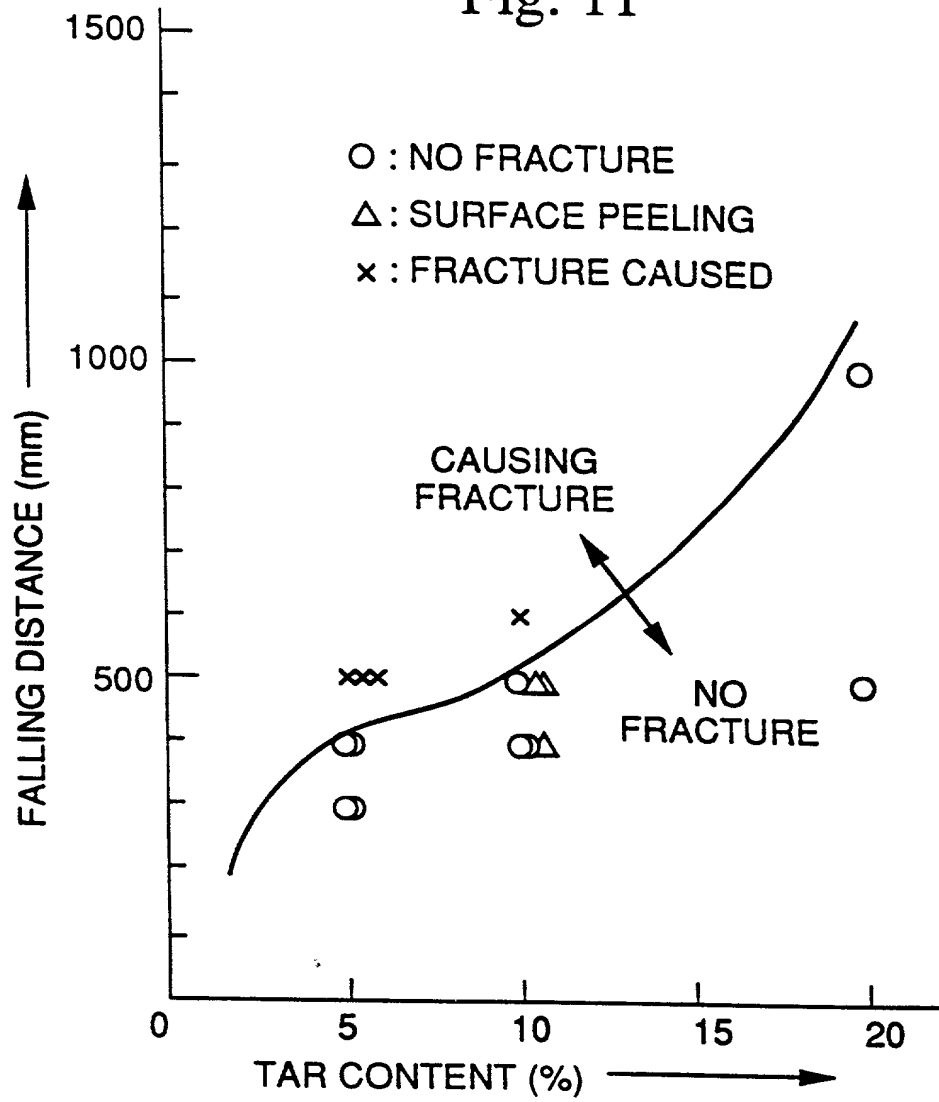


Fig. 12

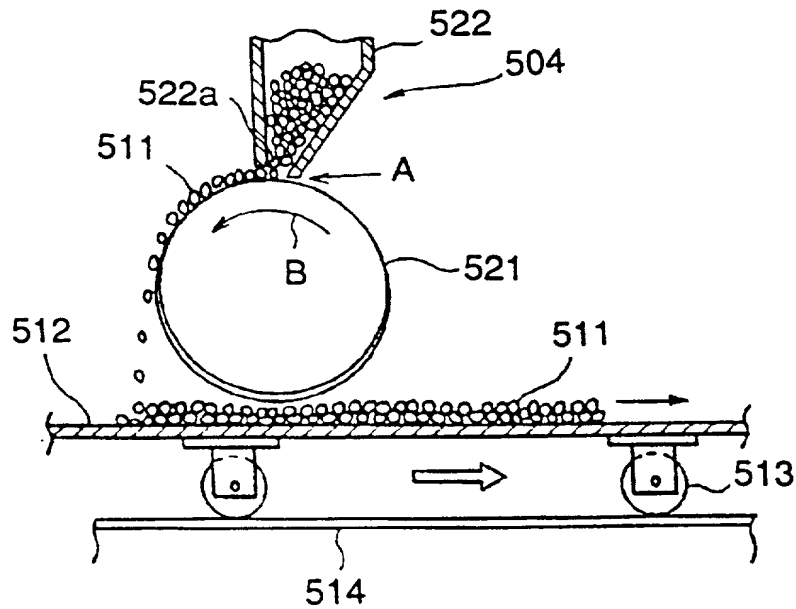


Fig. 13

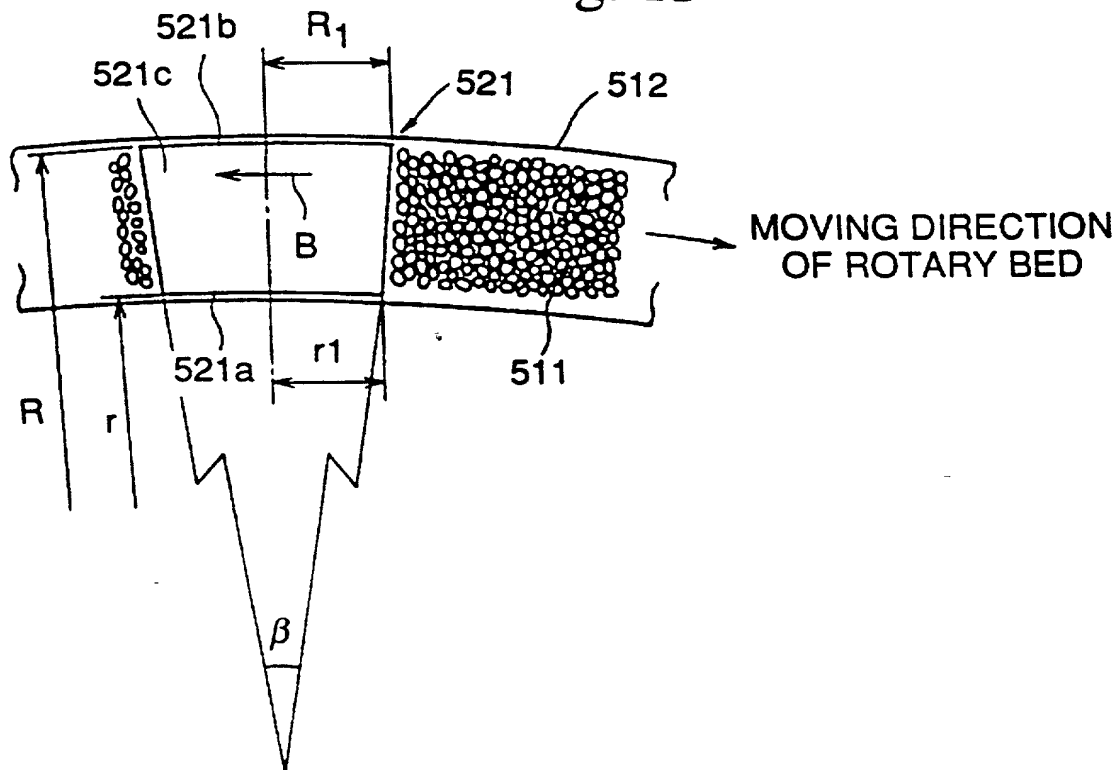


Fig. 15

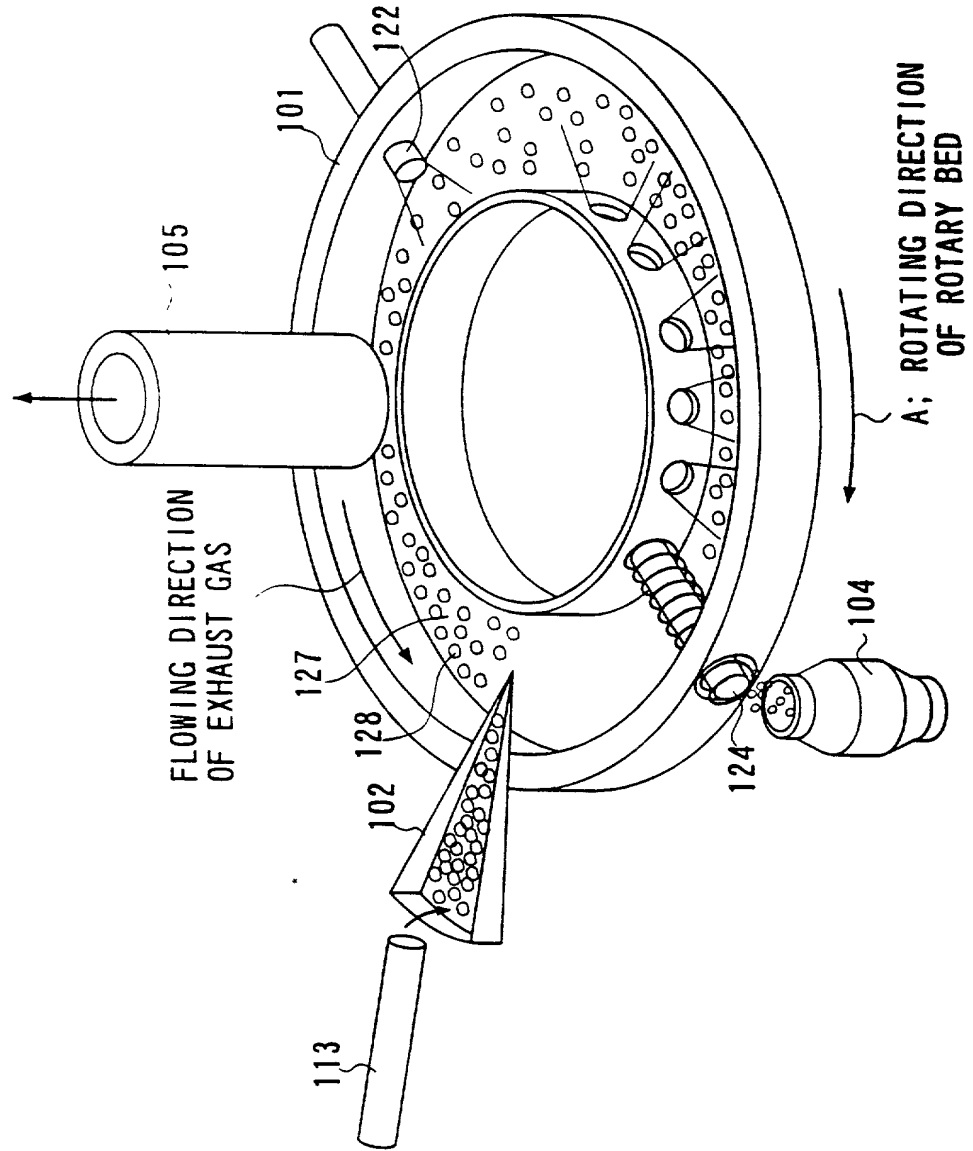


Fig. 16

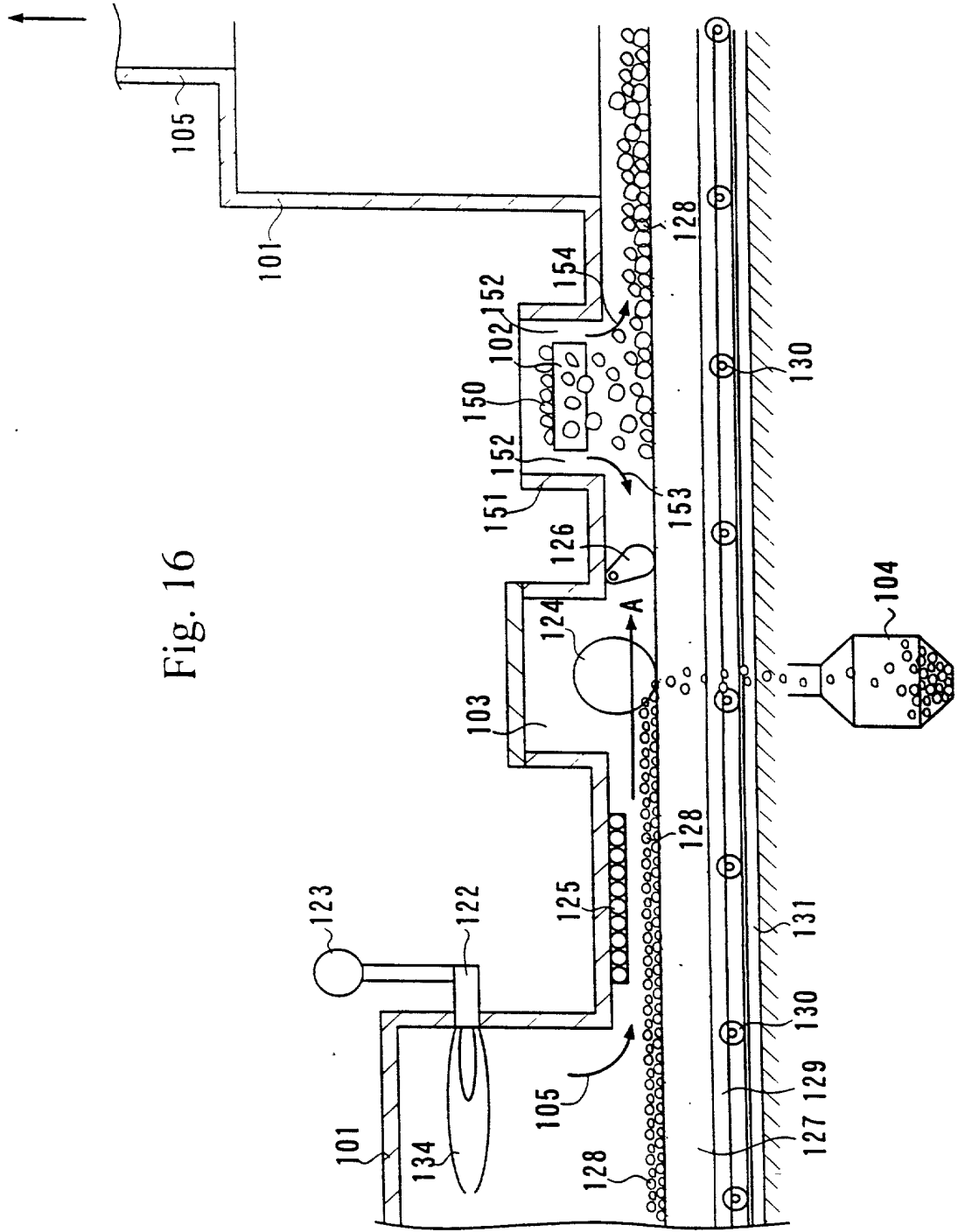
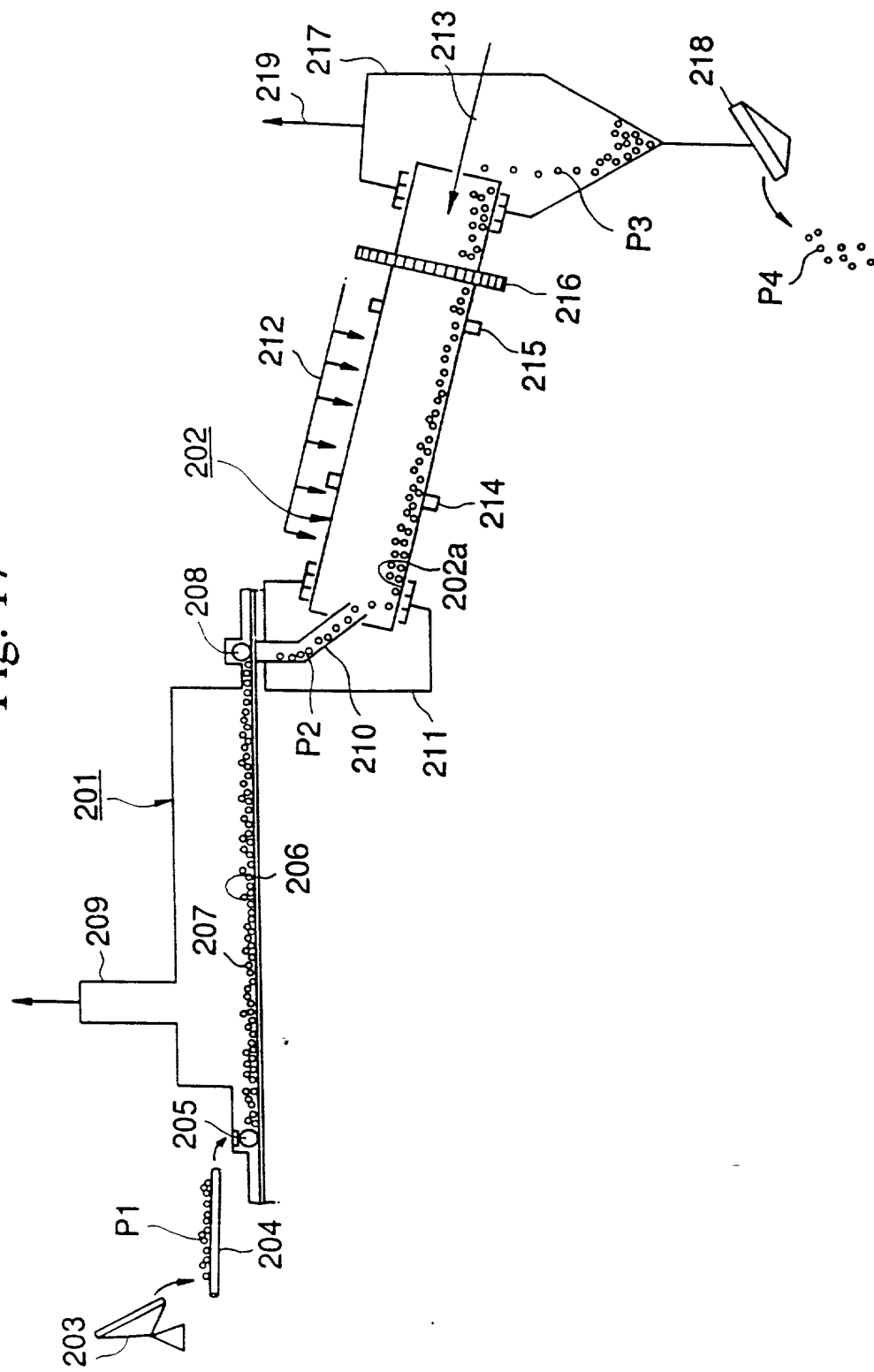


Fig. 17



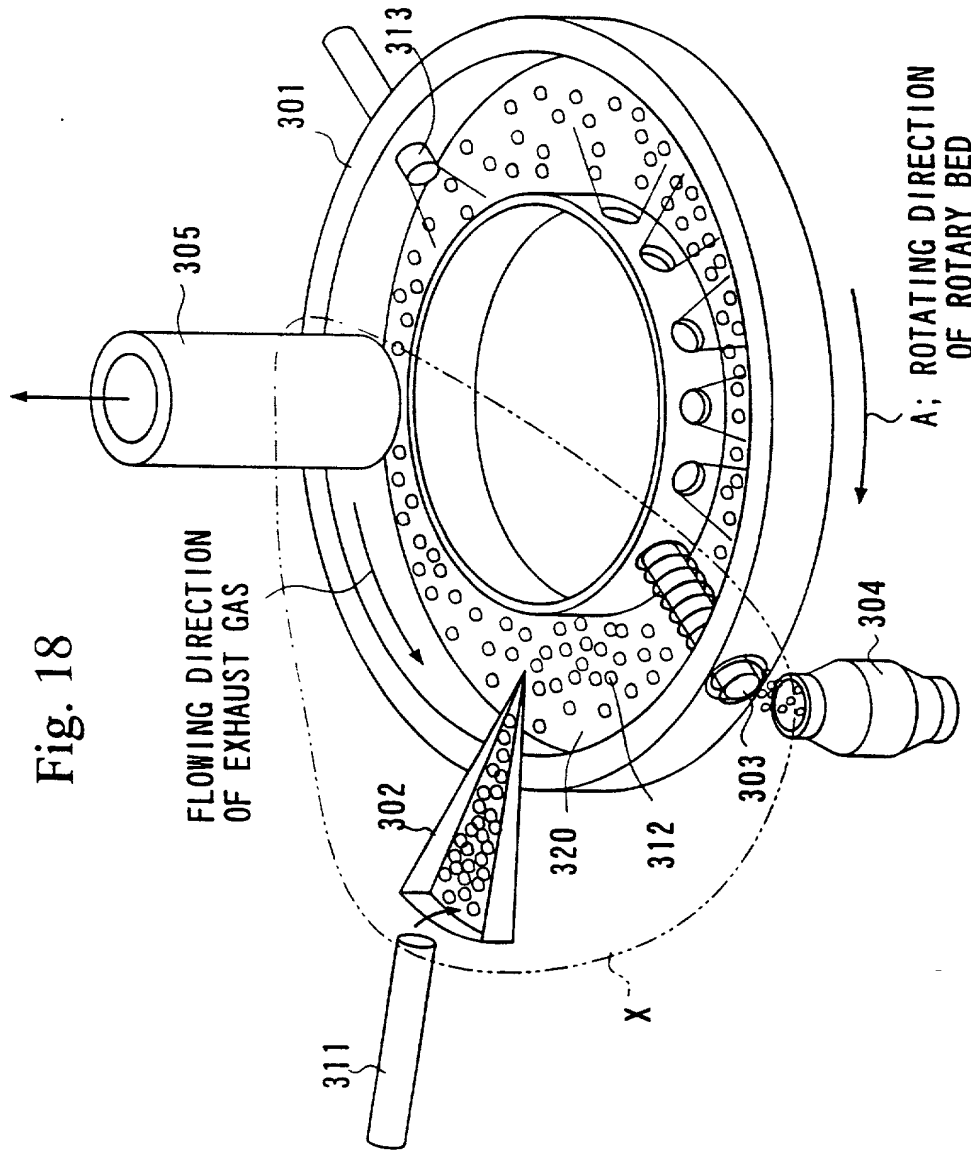
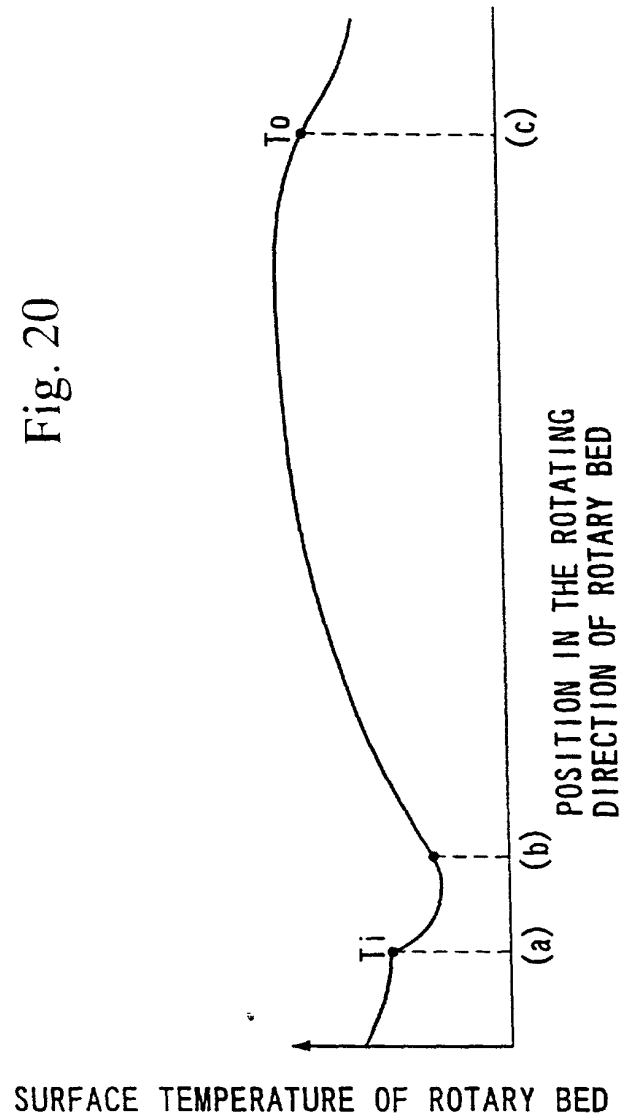




Fig. 19

Fig. 19 is a schematic diagram of a manufacturing process for a porous material. The process starts with a mold (308) containing a mixture (306) and a catalyst (307). The mixture is extruded (309) and then passes through a heating zone (310) where it is heated by a heater (311). The resulting porous material (301) is then processed in a series of steps: (a) 302, (b) 312, and (c) 304, which involve different stages of the material's structure.

Fig. 20



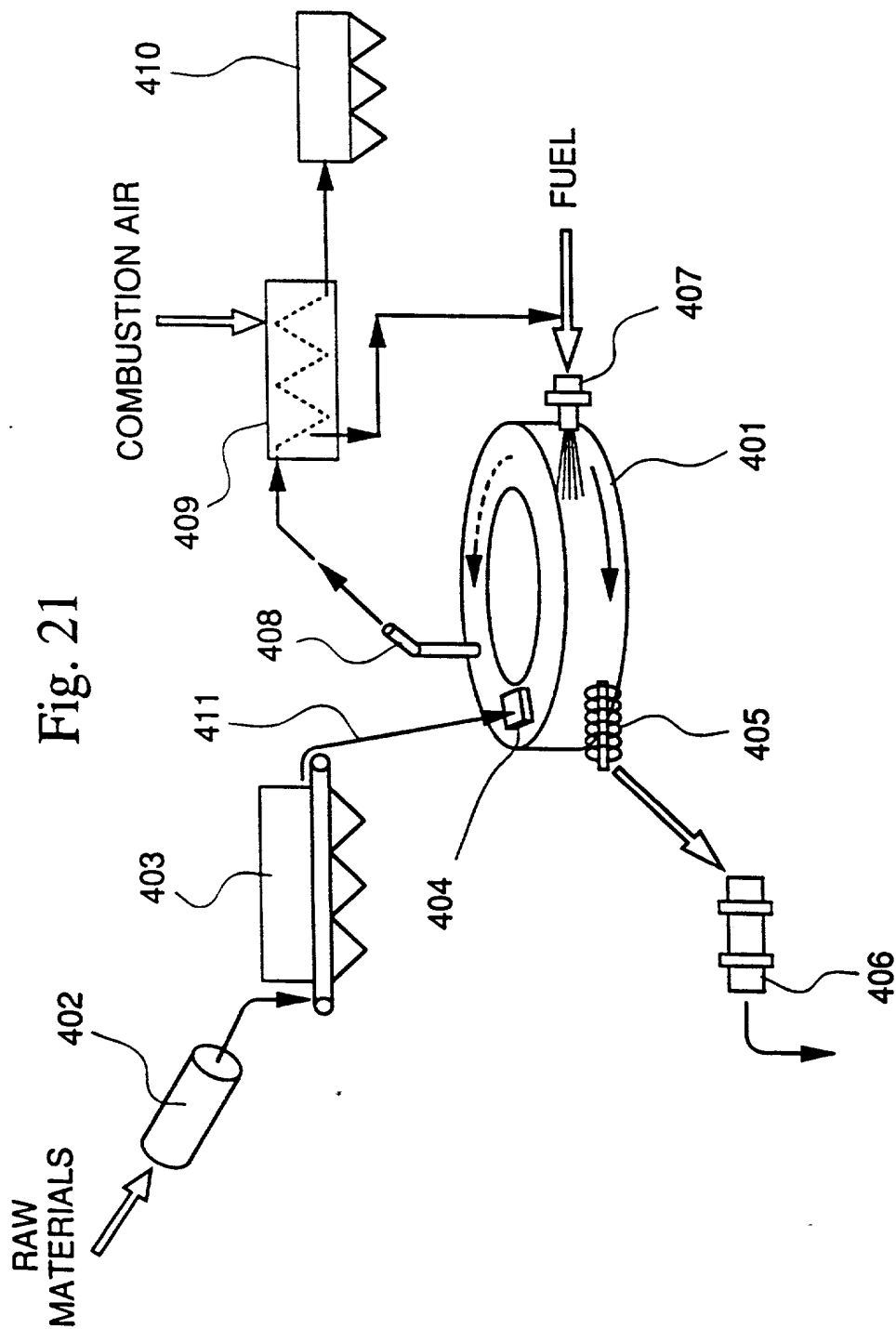


Fig. 22

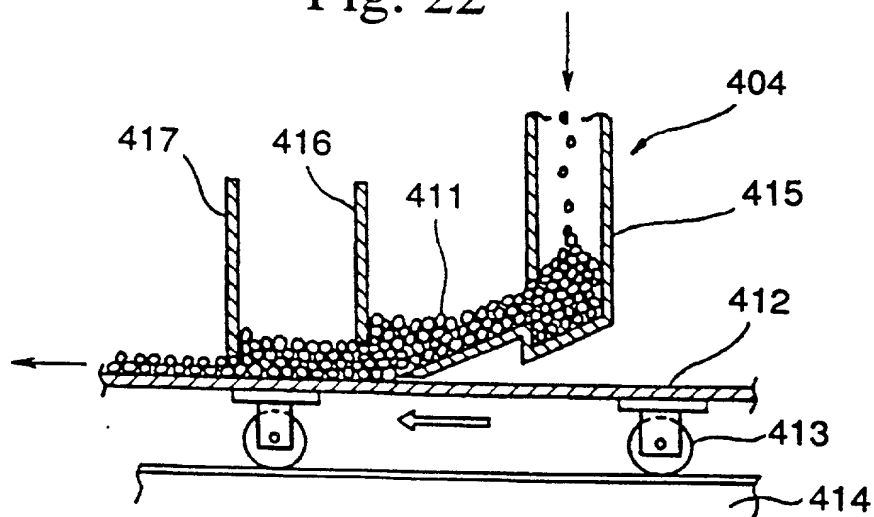
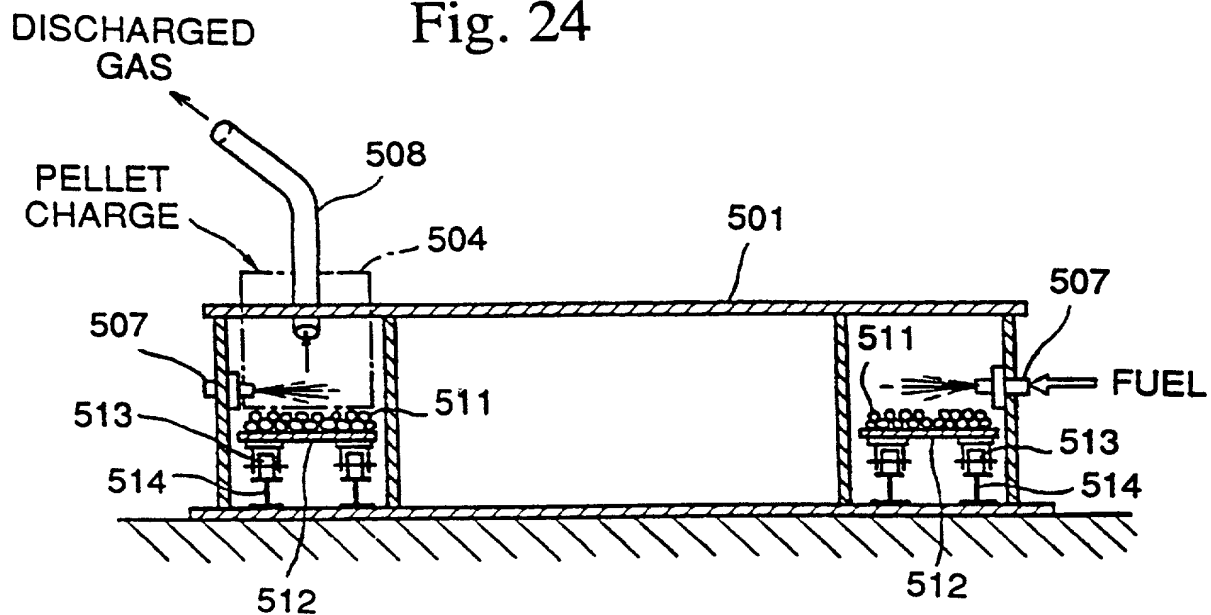


Fig. 24



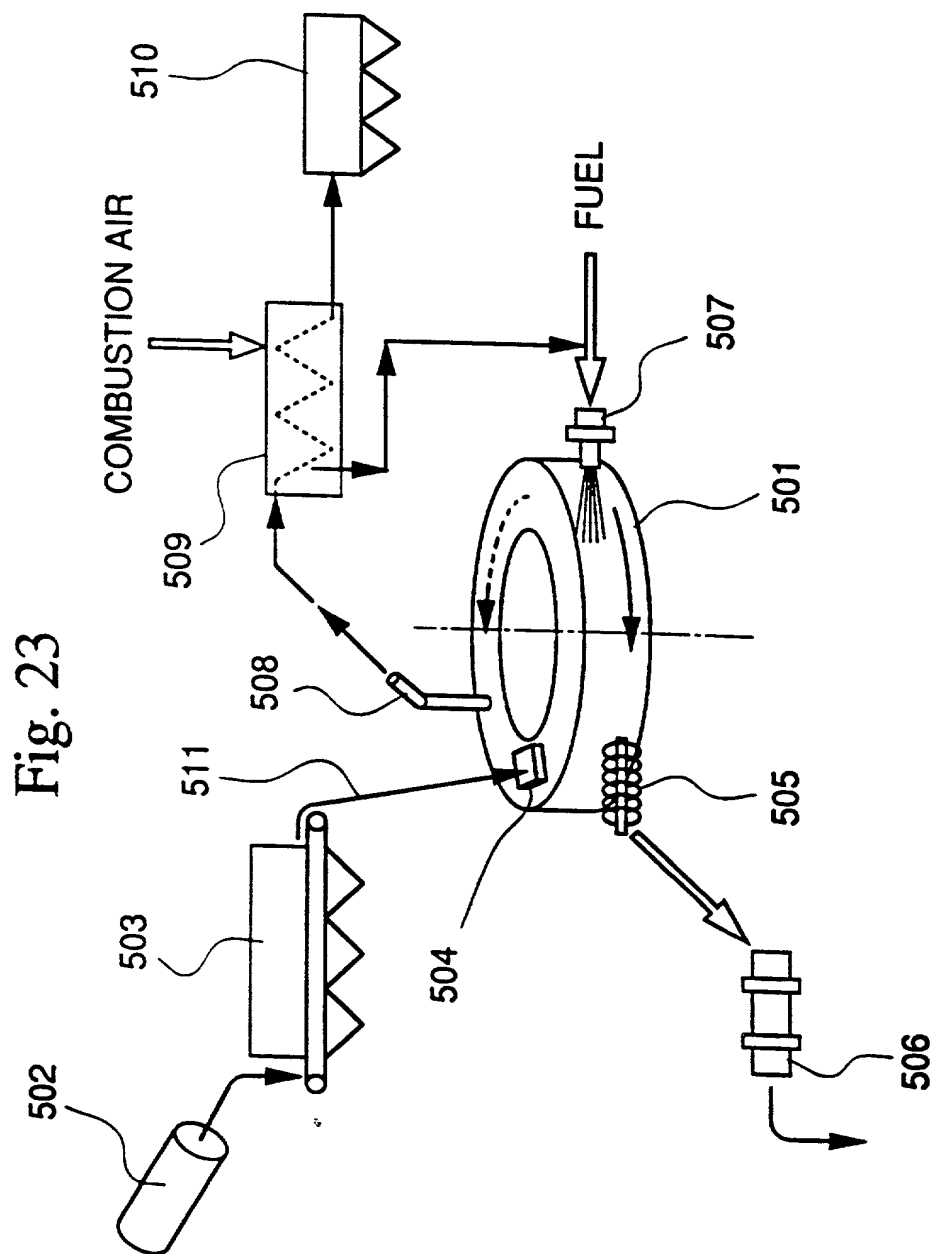


Fig. 25

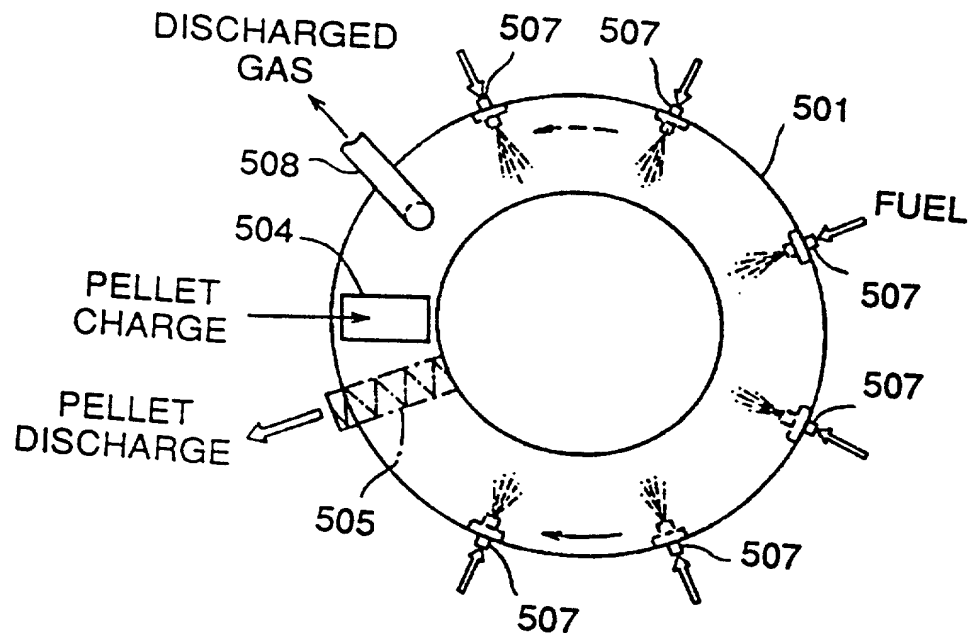


Fig. 26

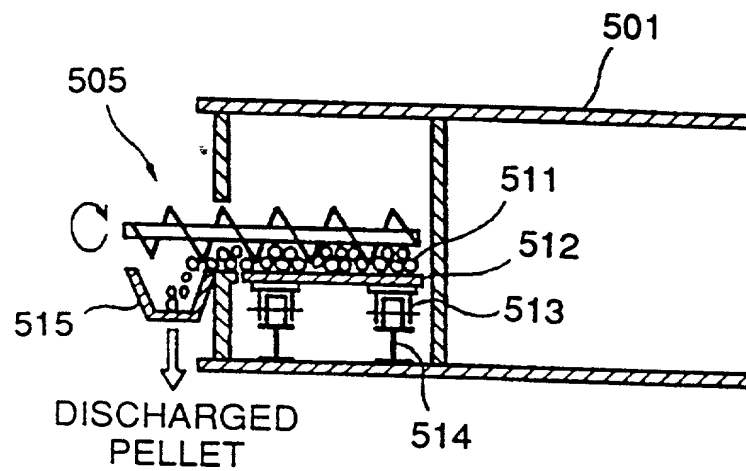


Fig. 27A

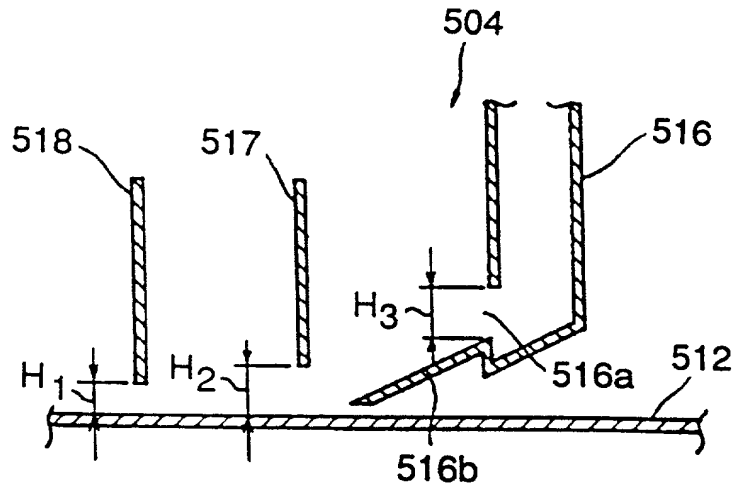


Fig. 27B

